Abstract of the Disclosure

Provided are a sense amplifier driver and a semiconductor device comprising the same. The sense amplifier driver outputting an enable signal for enabling a sense amplifier includes a first inverter, which receives an input signal and outputs an output signal swung between a ground voltage and a control voltage that is determined by the amount of an off-current flowing through at least one transistor existing in an inactive memory block, and a second inverter, which receives the output signal of the first inverter and delays and buffers the output signal of the first inverter by a period of time inversely proportional to a level of the control voltage. A point of time when the enable signal is activated varies according to a level of the control voltage. The semiconductor device detects data in response to the enable signal.

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